

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-8. (Cancelled)

9. (Currently Amended) ~~The disk changer according to claim 8, wherein~~ A disk changer comprising:

a disk accommodating unit that accommodates a plurality of disk trays, each of the disk trays holding one disk;

a disk processing unit that reproduces data from or records data to a loaded disk; and

a loading mechanism that loads a selected disk together with the disk tray from the disk accommodating unit to a position of the disk processing unit, wherein

the loading mechanism includes

a tray drawing pinion provided in the disk processing unit;

a disk tray that is accommodated in the disk accommodating unit and includes a tray rack engaged with the tray drawing pinion; and

a rack plate that includes a tray drawing rack engaged with the tray drawing pinion, is extendably attached to the disk tray, draws a tray in at a first half process of the loading, and stops the tray at a second half process of the loading to relay a subsequent drawing to the tray rack, wherein

the disk processing unit includes

a stopper that stops the rack plate at a position where the rack plate is drawn in by a predetermined distance; and

a guide groove that guides loading of the rack plate and the disk tray,

a second recess is formed near a rack plate inlet of the guide groove,

a first recess is formed on the disk tray, and

the rack plate includes

an abutting unit that abuts on the stopper when the rack plate is drawn in by the predetermined distance;

the tray drawing rack formed from an end portion to a position of the tray drawing pinion when the abutting unit abuts on the stopper; and

a locking unit that engages with the first recess in a maximum extended state of the rack plate, and is pushed out of the first recess when the abutting unit abuts on the stopper and pushed into the second recess to release engagement with the disk tray.

10. (Currently Amended) ~~The disk changer according to claim 8, wherein~~ A disk changer comprising:

a disk accommodating unit that accommodates a plurality of disk trays, each of the disk trays holding one disk;

a disk processing unit that reproduces data from or records data to a loaded disk; and

a loading mechanism that loads a selected disk together with the disk tray from the disk accommodating unit to a position of the disk processing unit, wherein

the loading mechanism includes

a tray drawing pinion provided in the disk processing unit;

a disk tray that is accommodated in the disk accommodating unit and includes a tray rack engaged with the tray drawing pinion; and

a rack plate that includes a tray drawing rack engaged with the tray drawing pinion, is extendably attached to the disk tray, draws a tray in at a first half process of the loading, and stops the tray at a second half process of the loading to relay a subsequent drawing to the tray rack, wherein

the tray drawing pinion is driven by a motor that activates a clamp cam in the disk processing unit.

11. (Currently Amended) ~~The disk changer according to claim 8, wherein~~ A disk changer comprising:

a disk accommodating unit that accommodates a plurality of disk trays, each of the disk trays holding one disk;

a disk processing unit that reproduces data from or records data to a loaded disk; and

a loading mechanism that loads a selected disk together with the disk tray from the disk accommodating unit to a position of the disk processing unit, wherein the loading mechanism includes

- a tray drawing pinion provided in the disk processing unit;
- a disk tray that is accommodated in the disk accommodating unit and includes a tray rack engaged with the tray drawing pinion; and
- a rack plate that includes a tray drawing rack engaged with the tray drawing pinion, is extendably attached to the disk tray, draws a tray in at a first half process of the loading, and stops the tray at a second half process of the loading to relay a subsequent drawing to the tray rack, wherein

- each of the disk trays is for vertically placing a disk,
- the disk trays are arranged in a radial pattern, and
- the disk processing unit is rotated around a predetermined vertical shaft to face a disk tray loaded by the loading mechanism.